

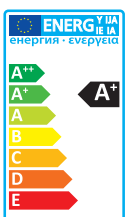


E-CORE CANDLE 4,5/6W E-CORE SPHERICAL 4,5/6W

With its faceted crystal optics, the E-CORE CANDLE is a real head-turner. Smooth dimming, this light is the magic every chandelier needs. The E-CORE SPHERICAL lamp is what the master of general decorative lighting looks like: dimmable and compact in size, the ideal light source for ambient lighting.

Application:

- + Residential lighting
- + Hospitality lighting
- + Decorative lighting



Product details

- + For E14/E27 base
- + Mercury free
- + Highly efficient and energy saving
- + Instant light
- + Low UV radiation
- + Low heat radiation
- + Dimmable*
- + Life time 20,000 hours
- + Pleasant warm white light (2700 K)
- + Reduction of energy consumption of up to 85 %

Optical parameters

MODEL NAME	E-CORE CANDLE 4,5W	E-CORE CANDLE 4,5W	E-CORE CANDLE 6W
Product code	LDC004D2760DEU	LDC005D2760DEU	LDC006D2760DEU
Luminous flux	270 lm	250 lm	470 lm
Colour temperature	2700 K	2700 K	2700 K
Colour rendering index	≥ 80 Ra	≥ 80	≥ 80
Lamp efficacy	60.0 lm/W	55.6 lm/W	78.3 lm/W
Lumen maintenance factor	L70	L70	L70
Energy class	A+	A+	A+
Weighted energy consumption	5 kWh / 1000 h	5 kWh / 1000 h	6 kWh / 1000 h

MODEL NAME	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 6W
Product code	LDG006D2760DEU	LDG008D2760DEU	LDG010D2760DEU
Luminous flux	270 lm	250 lm	470 lm
Colour temperature	2700 K	2700 K	2700 K
Colour rendering index	≥ 80 Ra	≥ 80 Ra	≥ 80 Ra
Lamp efficacy	60 lm/W	55.6 lm/W	78.3 lm/W
Lumen maintenance factor	L70	L70	L70
Energy class	A+	A+	A+
Weighted energy consumption	5 kWh / 1000 h	5 kWh / 1000 h	6 kWh / 1000 h

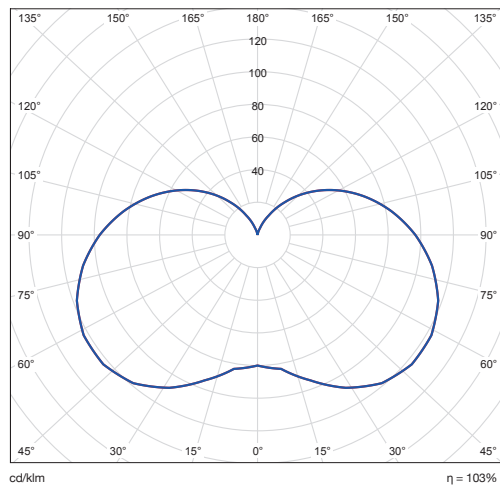
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Product code	LDG007D2710DEU	LDG009D2710DEU	LDG011D2710DEU
Luminous flux	270 lm	250 lm	470 lm
Colour temperature	2700 K	2700 K	2700 K
Colour rendering index	≥ 80 Ra	≥ 80 Ra	≥ 80 Ra
Lamp efficacy	60 lm/W	55.6 lm/W	78.3 lm/W
Lumen maintenance factor	L70	L70	L70
Energy class	A+	A+	A+
Weighted energy consumption	5 kWh / 1000 h	5 kWh / 1000 h	6 kWh / 1000 h

* Dimmable on suitable dimmers.

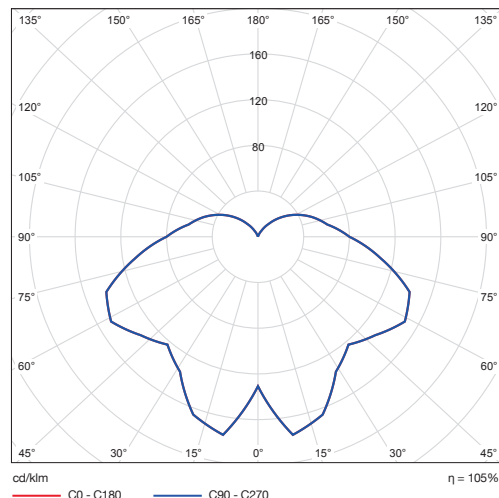
Optical parameters

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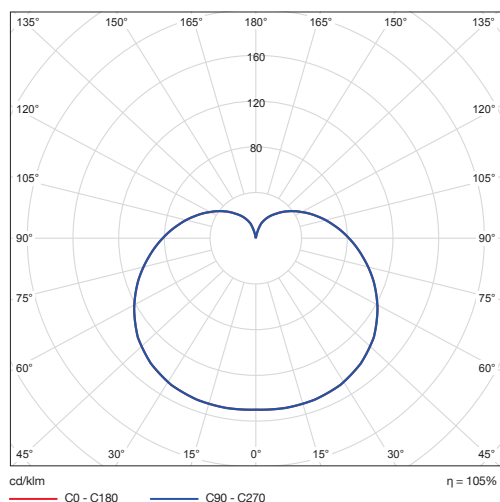
LDC004D2760DEU / LDC006D2760DEU
FROSTED



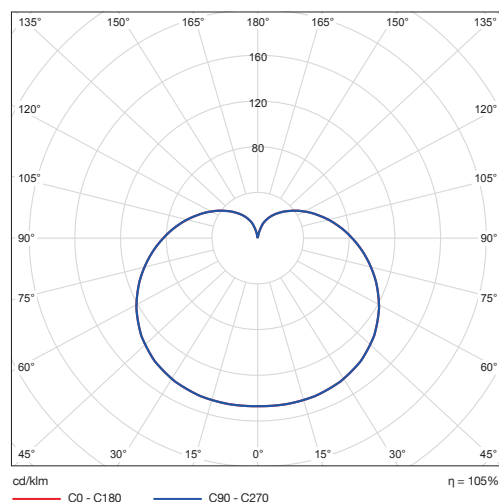
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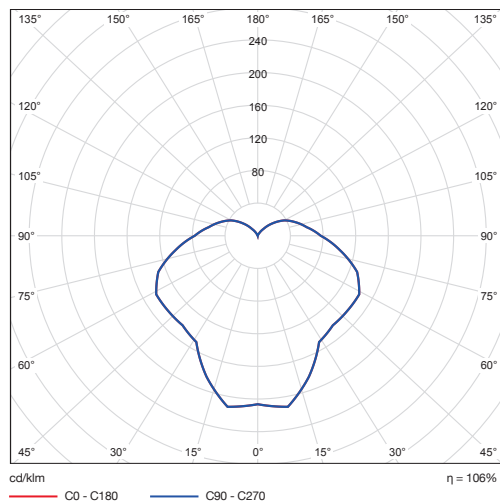
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FROSTED



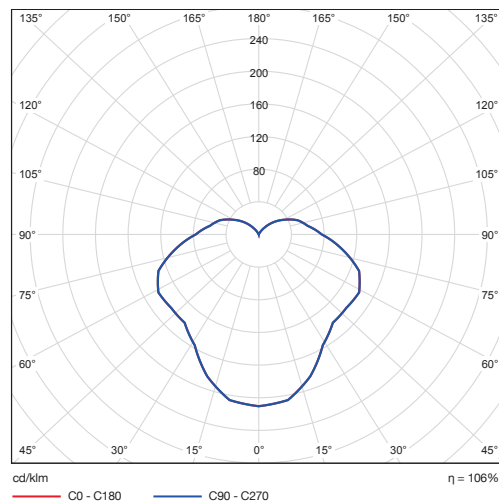
LDG007D2710DEU / LDG011D2760DEU
FROSTED



LDG008D2710DEU
CLEAR



LDG009D2710DEU
CLEAR



Electrical parameters

MODEL NAME	E-CORE CANDLE 4,5W	E-CORE CANDLE 4,5W	E-CORE CANDLE 6W
Product code	LDC004D2760DEU	LDC005D2760DEU	LDC006D2760DEU
Rated voltage	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz
Rated wattage	4.5 W	4.5 W	6 W
Nominal current	30 mA	30 mA	45 mA
Power-factor	0.70	0.70	0.70
Rated lifetime (h)	20,000 h	20,000 h	20,000 h
Switching cycle	> 15,000	> 15,000	> 15,000
Starting time	< 0.5 s	< 0.5 s	< 0.5 s
Warm-up time	Instant full light	Instant full light	Instant full light
Dimming	Yes	Yes	Yes

MODEL NAME	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 6W
Product code	LDG006D2760DEU	LDG008D2760DEU	LDG010D2760DEU
Rated voltage	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz
Rated wattage	4.5 W	4.5 W	6 W
Nominal current	30 mA	30 mA	45 mA
Power-factor	0.70	0.70	0.70
Rated lifetime (h)	20,000 h	20,000 h	20,000 h
Switching cycle	> 15,000	> 15,000	> 15,000
Starting time	< 0.5 s	< 0.5 s	< 0.5 s
Warm-up time	Instant full light	Instant full light	Instant full light
Dimming	Yes	Yes	Yes

MODEL NAME	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 6W
Product code	LDG007D2710DEU	LDG009D2710DEU	LDG011D2710DEU
Rated voltage	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz
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Power-factor	0.70	0.70	0.70
Rated lifetime (h)	20,000 h	20,000 h	20,000 h
Switching cycle	> 15,000	> 15,000	> 15,000
Starting time	< 0.5 s	< 0.5 s	< 0.5 s
Warm-up time	Instant full light	Instant full light	Instant full light
Dimming	Yes	Yes	Yes

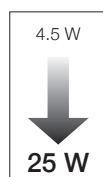
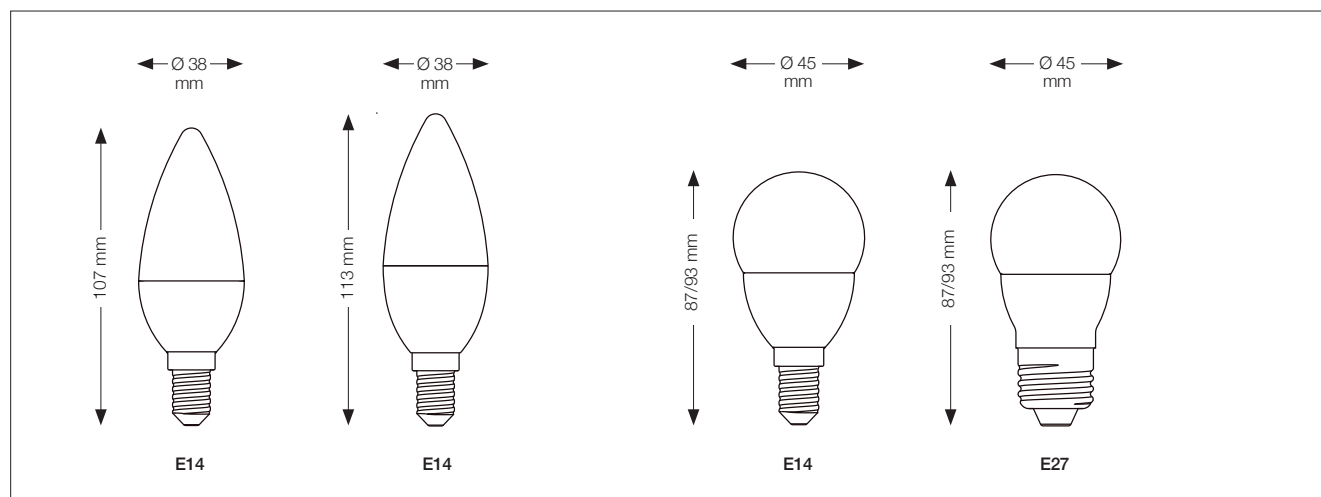
Mechanical parameters

MODEL NAME	E-CORE CANDLE 4,5W	E-CORE CANDLE 4,5W	E-CORE CANDLE 6W
Product code	LDC004D2760DEU	LDC005D2760DEU	LDC006D2760DEU
Overall length	107 mm	107 mm	113 mm
Diameter	38 mm	38 mm	38 mm
Net weight	40 g	45 g	42 g
Cap	E14	E14	E14

MODEL NAME	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 6W
Product code	LDG006D2760DEU	LDG008D2760DEU	LDG010D2760DEU
Overall length	87 mm	87 mm	93 mm
Diameter	45 mm	45 mm	45 mm
Net weight	40 g	45 g	42 g
Cap	E14	E14	E14

MODEL NAME	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 4,5W	E-CORE SPHERICAL 6W
Product code	LDG007D2710DEU	LDG009D2710DEU	LDG011D2710DEU
Overall length	87 mm	87 mm	93 mm
Diameter	45 mm	45 mm	45 mm
Net weight	40 g	45 g	42 g
Cap	E27	E27	E27

Drawings



According to
ErP 244/2009

Dimmability

The LED-Lamps can be dimmed in a range of 10%-100%. A general compatibility to all dimmers can't be granted. A list of recommended dimmers can be found on our website www.toshiba.eu/lighting.

RECOMMENDED DIMMERS FOR MAX. 8 LAMPS WITH A DIMMING OF 10 %-100 %:

BUSCH-JAEGER 6513U-102 (40-420 W)	BUSCH-JAEGER 2250U (max. 600 W)	Le Grand 670 83 (max. 400 W)
Le Grand 670 85 (max. 400 W)	RVE RV5 (max. 1000 W)	SCHNEIDER UNICA TOP 511 (max. 500 W)

Important note

LED lamps are not resistive loads for the dimmers and therefore the power rating of the dimmer can't be directly converted. Incompatibilities between LED lamp and dimmer are expressed as flickering and restrictions in the dimming range.

Logistic data

PRODUCT CODE	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (L x H x W)	GROSS WEIGHT
LDC004D2760DEU	4974550487979	Gift box (1pce)	40 x 40 x 113 mm	55 g
	14974550487976	Carton (10pcs)	215 x 88 x 122 mm	609 g
	24974550487973	Carton (40pcs)	235 x 198 x 280 mm	2,718 g
LDC005D2760DEU	4974550487986	Gift box (1pce)	40 x 40 x 113 mm	60 g
	14974550487983	Carton (10pcs)	215 x 88 x 122 mm	659 g
	24974550487980	Carton (40pcs)	235 x 198 x 280 mm	2,918 g
LDC006D2760DEU	4974550487993	Gift box (1pce)	40 x 40 x 120 mm	58 g
	14974550487990	Carton (10pcs)	215 x 88 x 129 mm	641 g
	24974550487997	Carton (40pcs)	235 x 198 x 294 mm	2,854 g
LDG006D2760DEU	4974550488006	Gift box (1pce)	47 x 47 x 110 mm	57 g
	14974550488003	Carton (10pcs)	250 x 102 x 109 mm	643 g
	24974550488000	Carton (40pcs)	270 x 226 x 254 mm	2,897 g
LDG007D2710DEU	4974550488013	Gift box (1pce)	47 x 47 x 110 mm	57 g
	14974550488010	Carton (10pcs)	250 x 102 x 109 mm	643 g
	24974550488017	Carton (40pcs)	270 x 226 x 254 mm	2,897 g
LDG008D2760DEU	4974550488020	Gift box (1pce)	47 x 47 x 110 mm	62 g
	14974550488027	Carton (10pcs)	250 x 102 x 109 mm	693 g
	24974550488024	Carton (40pcs)	270 x 226 x 254 mm	3,097 g
LDG009D2710DEU	4974550488037	Gift box (1pce)	47 x 47 x 110 mm	62 g
	14974550488034	Carton (10pcs)	250 x 102 x 109 mm	693 g
	24974550488031	Carton (40pcs)	270 x 226 x 254 mm	3,097 g
LDG010D2760DEU	4974550488044	Gift box (1pce)	47 x 47 x 110 mm	59 g
	14974550488041	Carton (10pcs)	250 x 102 x 109 mm	663 g
	24974550488048	Carton (40pcs)	270 x 226 x 254 mm	2,977 g
LDG011D2710DEU	4974550488051	Gift box (1pce)	47 x 47 x 110 mm	59 g
	14974550488058	Carton (10pcs)	250 x 102 x 109 mm	663 g
	24974550488055	Carton (40pcs)	270 x 226 x 254 mm	2,977 g

Handling and safety information

- + Do not cover the lamp with paper, cloth or other easily flammable materials
- + Do not expose the lamp to water or high humidity
- + Avoid additional mechanical stress on the lamp
- + Do not touch the lamp during or shortly after usage. Risk of burn!
- + Use only with recommended dimmers
- + Ambient temperature range: -20 °C to +40 °C
- + Do not look directly into the lamp
- + Do not spray pesticide on this lamp
- + Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting